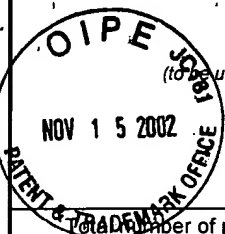
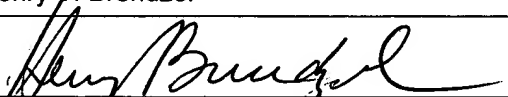


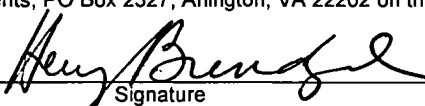
Henry Brendzel

 <p>TRANSMITTAL FORM (to be used for all correspondence after initial filing)</p>	Complete if Known		
	Application Number	09/425,151	
	Filing Date	10/21/1999	
	First Named Inventor	Mei Deng	
	Examiner Name	Chirag G. Shah	
	Group/Art Unit	2664	
Number of pages in this Submission: this page, plus		26	
		Attorney Docket ID	Deng 113556

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Form <input checked="" type="checkbox"/> Check included <input type="checkbox"/> Fee Form not included, but should a fee be due, the Commissioner is Authorized to charge Deposit Account No 500732 of Henry T. Brendzel <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.2 or 1.53 <input type="checkbox"/> Declaration (no Missing Parts Notice)	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (TO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation or Change of Correspondence Address <input type="checkbox"/> Express Abandonment <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> To Convert to Statutory Invention Registration	<input type="checkbox"/> Postcard(s) <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for a Refund <input type="checkbox"/> After Allowance Communication to group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	Henry T. Brendzel	
Signature		Date 11/5/02

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelop addressed to the Assistant Commissioner for Patents, PO Box 2327, Arlington, VA 22202 on this date: 11/6/02		
Henry Brendzel		11/12/02
Name of Person Signing	Signature	Date

CERTIFICATE OF FACSIMILE		
I hereby certify that this correspondence is being electronically transmitted by facsimile to the United States Patent Office:		
Name of Person Signing	Signature	Date

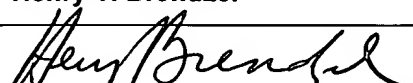
EJA

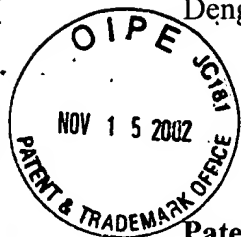
Complete if Known

<p>FEE TRANSMITTAL</p> <p>Patent fees are subject to annual revisions on October 1. These are the fees effective November 10, 1998. All payments must be supported by a small entity statement. Otherwise, large entity fees must be paid. See Forms PTO/SB/09-12.</p>		Application Number	09/425,151	
		Filing Date	10/21/1999	
		First Named Inventor	Mei Deng	
		Examiner Name	Chirag G. Shah	
		Group/Art Unit	2664	
TOTAL AMOUNT OF PAYMENT	(\$)	384	Attorney Docket ID	Deng 113556

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																															
<p>1. The Commissioner is hereby authorized to charge indicated fees and other underpayments, and credit overpayments to:</p> <p>Deposit Account Number Deposit Account Name</p> <p>500732 Henry T. Brendzel</p> <p><input checked="" type="checkbox"/> Charge any additional Fee Required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Small Entity Status is hereby requested</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>Non-English specification</td><td></td></tr> <tr><td>For filing request for reexamination</td><td></td></tr> <tr><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>Extension for reply within the first month</td><td></td></tr> <tr><td>Extension for reply within the second month</td><td></td></tr> <tr><td>Extension for reply within the third month</td><td></td></tr> <tr><td>Extension for reply within the fourth month</td><td></td></tr> <tr><td>Extension for reply within the fifth month</td><td></td></tr> <tr><td>Notice of Appeal</td><td></td></tr> <tr><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>Requesting an oral hearing</td><td></td></tr> <tr><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>Design issue fee</td><td></td></tr> <tr><td>Plant issue fee</td><td></td></tr> <tr><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>Other fee</td><td></td></tr> <tr><td>Other fee</td><td></td></tr> <tr><td>Other fee</td><td></td></tr> <tr><td>SUBTOTAL (2) (\$)</td><td>0</td></tr> </tbody> </table>		Fee Description	Fee Paid	Surcharge - late filing fee or oath		Surcharge - late provisional filing fee or cover sheet		Non-English specification		For filing request for reexamination		Requesting publication of SIR prior to Examiner action		Requesting publication of SIR after Examiner action		Extension for reply within the first month		Extension for reply within the second month		Extension for reply within the third month		Extension for reply within the fourth month		Extension for reply within the fifth month		Notice of Appeal		Filing a brief in support of an appeal		Requesting an oral hearing		Petition to institute a public use proceeding		Petition to revive - unavoidable		Petition to revive - unintentional		Utility issue fee (or reissue)		Design issue fee		Plant issue fee		Petitions to the Commissioner		Petitions related to provisional applications		Submission of Information Disclosure Statement		Recording each patent assignment per property (times number of properties)		Filing a submission after final rejection (37 CFR 1.129(a))		For each additional invention to be examined (37 CFR 1.129(b))		Other fee		Other fee		Other fee		SUBTOTAL (2) (\$)	0
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SUBMITTED BY				Complete (if applicable)	
Typed of Printed Name	Henry T. Brendzel			Reg. Number	26,844
Signature				Date	11/5/02
				Deposit Account User ID	



Deng 113556

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s)	Mei Deng Peter Dollard Z Ma	Case Name	Deng 113556
Filing Date	10/21/1999	Serial No.	09/425,151
Examiner	Chirag G. Shah	Group Art Unit	2664
Title	Local Information-based Restoration Architecture		

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
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AMENDMENT

In response to an Office action dated August 14, 2002 please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 2, line 27 with:

Q' An advance in the art is achieved with an arrangement that employs the notion that a failure at any point in the network can be quickly remedied by rerouting traffic at the failed point though network elements in close topological proximity to the failed point. This is accomplished by algorithmically and distributively assigning the responsibility for recovery from all failures to different network nodes. In one illustrative embodiment, each failure is assigned to one primary command node, and to a secondary, backup, command node.

IN THE CLAIMS:

1. A communication network that includes nodes and link bundles that interconnect said nodes, where said link bundles are carried over physical spans of transmission facilities, the improvement in each of said nodes comprising:

11/18/2002 ARD0F01 00000043 09425151

01 FC:1201
02 FC:1202

168.00 OP
216.00 OP